

accommodate heavier bullets. Heavier bullets in caliber 244 ammunition are being considered in Bridgeport.

Pilot lightweight (small diameter) barrels are being processed by the Plant. Rifling plugs to produce a 10" nominal twist are promised by the vendor for the week of October 6. When barrels are available, a comparative test of the accuracy of barrels with a 12" twist and barrels with a 10" twist will be made using all bullet weights including 105 grain samples to be provided by Bridgeport in the next few days.

Ilion Research does not favor the 10" twist proposal but has no objection to the test.

MODEL 725, CALIBER 222

Cartridge feeding difficulties were experienced in the pilot 222 caliber guns. A design change in the Floor Plate to better lock and retain the Magazine Spring was required. Alterations are being made to the casting die and new blanks are promised the latter part of October.

A minor alteration to the Magazine Spring is also necessary.

When revised parts are available, pilot assembly and testing will be resumed.

Announcement on January 1, 1959 is still thought realistic and scheduled warehouse date of January 1, 1959 should be unaffected by these changes.

MODEL 725, CALIBER 244

Pilot assembly of guns has been held up pending decision on barrel rifling.

MODEL 740, CHAMBER FOULING

A search has been made for plating or other processes to aid in solving the problem of chamber fouling in the Model 740. As yet, no satisfactory and economical solution has been found. Methods of making cleaning brushes available in answer to field complaints were discussed. This was not considered an item for Committee action and the Sales and Research & Development Departments and the Plant will consider and handle the problem.

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